

**ENGINEERING/OPERATIONS COMMITTEE MEETING RECAP
MARCH 10, 2011**

COMMITTEE MEMBERS PRESENT

Ed Mandich, Committee Chair
Jim Haselton, Alternate Committee Member

STAFF PRESENT

Don Chadd, General Manager
Hector Ruiz, District Engineer
Teresa Teichman, Secretary to the Board of Directors
Michael Perea, Special Projects Manager
Neil McKenna, Water Supervisor
Bob Beck, Maintenance Supervisor

PUBLIC PRESENT

No members of the public were present.

CALL THE MEETING TO ORDER

Committee Chair Mandich called the Engineering/Operational Committee Meeting to order at 7:05 a.m.

VISITOR PARTICIPATION

There was no visitor participation

ORAL COMMUNICATION

There were no comments.

COMMITTEE MEMBER COMMENTS

Mr. Jim Haselton, Alternate Committee Member, commented on areas of the District he toured with the General Manager on March 5, 2011 relating to storm damage.

REPORT FROM THE GENERAL MANAGER

There was no report from the General Manager.

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PROJECT MANAGEMENT

**ITEM NO. 1A) STATUS REPORT AND POSSIBLE ACTION RELATING TO
STORM DAMAGE**

Mr. Don Chadd, General Manager, discussed modifications made to an in progress emergency repair of a 10-inch water line, damaged from the recent storms, as a large void further up the hill over the same line was discovered. Mr. Chadd advised staff is in the process of notifying FEMA of this additional damage.

The Engineering/Operational Committee received the status update. Forward to the Board (Action Calendar).

**ITEM NO. 1B) STATUS UPDATE RELATING TO BAKER WATER
TREATMENT PLANT**

Mr. Hector Ruiz, District Engineer, advised the Baker Water Treatment Plant (BWTP) Committee Meeting scheduled for March 10, 2011 has been cancelled.

Mr. Ruiz provided a brief status update advising the 90% design has been completed and copies are being mailed to each agency for comments.

The Engineering/Operational Committee received the status update. No action taken.

**ITEM NO. 1C) STATUS UPDATE AND POSSIBLE ACTION RELATING TO
ROSE CANYON AND LANG WELLS GROUNDWATER
TREATMENT FACILITY**

Mr. Chadd received a letter from the Department of Public Health (DPH) issued on February 24, 2011 entitled *Acknowledgement of Fulfillment of Compliance Order 05-08-07CO-003, Trabuco Canyon Water District*.

Mr. Ruiz presented a scope of work relating to implementation of alarms into TCWD's SCADA system for ratification and anticipates bringing an additional proposal for remote monitoring and control to the Board for consideration and approval.

The Engineering/Operational Committee received the status update. Forward to the Board (Action Calendar).

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**ITEM NO. 1D) REVIEW OF PROCEDURAL GUIDELINES AND AGREEMENT
FOR DISTRICT SERVICES**

Mr. Ruiz presented to the Committee a summary of procedures to serve as a guideline for developers desiring to obtain service and approval for construction of domestic water, sewer, and nondomestic water facilities for dedication to the District.

Mr. Ruiz reviewed Summary of Procedures for Construction of Water and Sewer Facilities; District's Procedures and General Requirements for Construction of Water and Sewer Facilities adopted in June 2002; and Agreement for Construction of Onsite Water and Sewer Facilities (Application for Water Service). Committee Chair, Mr. Ed Mandich, had comments relating to some of the procedural steps. Mr. Ruiz and Mr. Mandich agreed to schedule a phone conference to receive Mr. Mandich's review comments.

The Engineering/Operational Committee reviewed the information presented. Forward to the Board (Action Calendar).

**ITEM NO. 1E) STATUS UPDATE RELATING TO WATER MONITORING AND
WATER CONSERVATION EFFORTS**

Mr. Chadd discussed the water allocation tables provided by the Municipal Water District of Orange County (MWDOC) containing data as of February 14, 2011. Mr. Chadd noted TCWD remains well under the MET allocation.

The Engineering/Operational Committee received the status update. No action taken.

**ITEM NO. 1F) STATUS UPDATES REGARDING ON-GOING ENGINEERING
PROJECTS**

1. Golf Club Lift Station Upgrades/Rehabilitation

Mr. Ruiz advised there is no new information to report.

2. Shadow Rock Detention Basin Facility Project

Mr. Ruiz advised there is no new information to report.

3. Brookseed/Dove Water Main Inter-Tie/Fire Line

Mr. Ruiz advised there is no new information to report.

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4. El Toro Road Sewer Lift Station

Mr. Ruiz advised there is no new information to report.

5. 2010 Urban Water Management Plan (UWMP)

Mr. Ruiz advised he and Mr. Michael Perea, Special Projects Manager, attended a workshop earlier in the week relating to format, information needed, and compliance requirements for preparation of the 2010 UWMP. Mr. Ruiz advised he will bring a Request for Proposal to the Committee in May or June, 2011 for consideration of retaining a consultant to assist TCWD with this project.

6. Plano Median Recycled Water Conversion

Mr. Chadd advised TCWD and staff from the City of Rancho Santa Margarita had a kickoff meeting last week and the project is anticipated to begin on March 29, 2011. Estimated time for completion of this project is two days.

7. Other Projects

There were no other projects discussed

The Engineering/Operational Committee received the status updates. No action necessary.

ITEM 1G) STATUS UPDATES REGARDING ACTIVE DEVELOPMENTS

1. Skyridge – Standard Pacific Homes (85 DUs)

Mr. Ruiz advised there is no new information to discuss

2. Oaks at Trabuco

Mr. Ruiz advised there is no new information to discuss.

3. Fieldstone

Mr. Ruiz provided the Highland Estates Tract Map 16677 Water, Wastewater and Reclaimed Water System Analysis prepared by PSOMAS for the committee's review.

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Mr. Ruiz advised he received a Will-Serve request from the developer on March 9, 2011. Mr. Ruiz recommended bringing the analysis and Will-Serve Letter to the Board on March 16, 2011 for consideration.

4. Other Active Developments

There were no other developments discussed.

The Engineering/Operational Committee received the status update. Item 3, Fieldstone forwarded to the Board. (Action Calendar).

ITEM NO. 1H) WATER SYSTEM STATUS UPDATE

Mr. Neil McKenna, Water Supervisor, provided the February 2011 update.

Source Water Production

1. The water treatment plant production totaled 116 acre feet.
2. The Trabuco Creek Water Treatment Facility produced 15 acre feet.
3. The average daily demand was 4.1 acre feet, or 2.1 cfs.

Projects and Repairs

1. Water Department Personnel started up the Trabuco Creek Water Treatment Facility on February 24, 2011.
2. Water Department Personnel shut down the 10-inch water line at the switchbacks after a line break and made sure the system returned to operation.

The Engineering/Operational Committee received the status update. No action taken.

ITEM NO. 1I) WASTEWATER SYSTEM STATUS UPDATE

Mr. Chadd provided the February 2011 status update.

Robinson Ranch Wastewater Treatment Plant

1. The reclaimed water production totaled 56.1 acre feet.

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2. The recycled water demand was 21.5 acre feet.
3. Dove Lake had zero feet of freeboard.
4. The reclaimed water reservoir had 1 foot of freeboard.
5. The District pumped a total of 63.8 acre feet from Dove Lake.
6. The Dry Season Water Recovery Project produced zero acre feet.

Projects

1. District Personnel performed grease trap inspections.
2. The District Personnel inspected recycled water users irrigation systems.

Mr. McKenna reported 74 acre feet of recycled water was sold to SMWD.

The Engineering/Operational Committee received the status update. No action taken.

ITEM NO. 1J) FEBRUARY 2011 OPERATIONAL REPORT REVIEW

Mr. McKenna discussed the significant water loss which was caused by the recent 10-inch line break .

The Engineering/Operational Committee received and filed the report. No action taken.

**ITEM NO. 1K) ENGINEERING/OPERATIONAL COMMITTEE MEETING
RECAP**

No changes were made to the Engineering/Operational recap.

The Engineering/Operational Committee recommended that the Board receive and file the February 10, 2011 Engineering/Operational Committee Meeting Recap. (Consent Calendar).

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ITEM NO. 1L) OTHER MATTERS/REPORT

Discussion occurred relating to the cost to operate the new groundwater treatment well facility and the maintenance intervals required of the new equipment.

Recommended Action: The Committee received the status update. No action taken.

ADJOURNMENT

Committee Chair Mandich adjourned the March 10, 2011 Engineering/Operational Committee Meeting at 7:49 a.m.